

INTERNATIONAL SEARCH REPORT

onal Application No
IB2004/050555

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L25/02 H04L27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|---------------------------------------|
| X A | EP 1 107 524 A (TEXAS INSTRUMENTS INC) 13 June 2001 (2001-06-13) paragraph '0002! paragraph '0010! paragraph '0013! paragraph '0014! paragraph '0017! | 2,3,8, 13,14 1,6,7, 10,15,17 |
| A | US 2003/017835 A1 (BERGEL ITSHAK) 23 January 2003 (2003-01-23) paragraph '0002! paragraph '0005! paragraph '0024! | 1,2,12, 13 |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

26 August 2004

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Information on patent family members

International Application No

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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|----------------------------|---------------------|
| EP 1107524 | A | 13-06-2001 | US 6700919 B1 | 02-03-2004 |
| | | | EP 1107524 A2 | 13-06-2001 |
| | | | JP 2001211103 A | 03-08-2001 |
| US 2003017835 | A1 | 23-01-2003 | CN 1399436 A | 26-02-2003 |
| | | | EP 1410528 A1 | 21-04-2004 |
| | | | JP 2003143065 A | 16-05-2003 |
| | | | TW 574793 B | 01-02-2004 |
| | | | WO 03009493 A1 | 30-01-2003 |